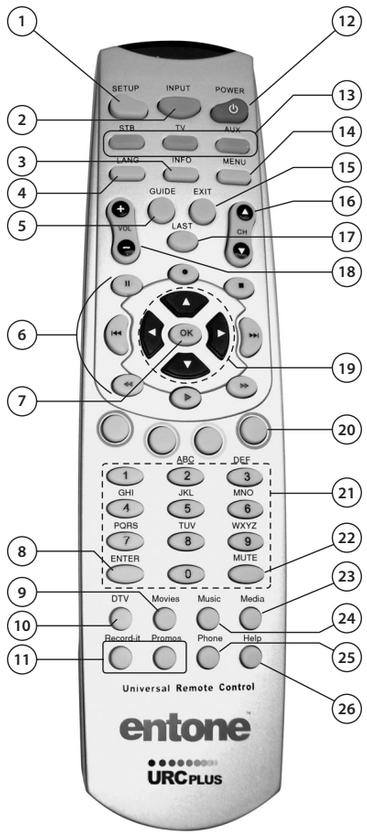
URC QUICK-REFERENCE GUIDE



Programming the Remote

The Enventis remote can be programmed to control your Digital TV service and up to two other devices.

The remote can be setup by following these simple instructions.

Before you begin, check the following items:

- Your television(s) is tuned to the correct channel.
  TV1 = Channel 10
  TV2 = Channel 23
  TV3 = Channel 39
- Two AA batteries are installed into the remote.

IMPORTANT: Use only new AA Alkaline replacement batteries to insure consistent operation.

Understanding the Remote

The following is a brief description of the numbered remote control buttons that are shown in the diagram on page 1. Refer to your User's Guide for complete information.

1. **SETUP** Special Key reserved for remote programming functions.
2. **INPUT** Used to change the current A/V input of the selected device.
3. **INFO** Displays on-screen information about the current television program.
4. **LANG** Activates Closed Captioning on TV1.
5. **GUIDE** Displays the on-screen television guide which provides information about current and future television programming.
6. **VCR** Controls Buttons used for VCR play/stop/ffwd/rwd/ pause controls. These buttons can also be used for VCR-like controls with VOD services.
7. **OK** Executes the currently selected menu option.
8. **ENTER** Confirms the channel number entered.
9. **MOVIES** Displays the VOD menu. (currently unavailable).
10. **DTV** Returns user to live programming.
11. **RESERVED USE KEYS** Reserved for future use.
12. **POWER** Turns the currently selected service on or off.
13. **DEVICE KEYS** Selects the device that you would like to control. (STB/, TV, AUX)
14. **MENU** Displays the on-screen menu.
15. **EXIT** Exits the current menu item.
16. **CH** Changes channel up/down. Page up/down in the Guide.
17. **LAST** Changes channel to the most recently viewed channel.
18. **VOL** Raises or lowers volume of the currently selected device.
19. **NAVIGATION KEYS** Navigates right, left, up, down in the on-screen guide.
20. **SPECIAL FUNCTION** Reserved buttons for future use.
21. **NUMBERED BUTTONS** Allows direct access to specific channels and menu items.
22. **MUTE** Turns the volume of the currently selected device off.
23. **MEDIA** Reserved for future use.
24. **MUSIC** Displays available music channels.
25. **PHONE** Displays the Caller ID Menu.
26. **HELP** Displays the on-screen help menu.

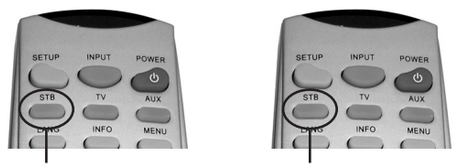
Set the Remote Control ID

First, you must program your remotes for use with your Gateway. The Gateway comes with 3 URC remotes. Each remote can be programmed for use with a different TV/Room.

1. Press and hold the OK button on the Gateway front panel for about 5 seconds. When the OK button is released, the Gateway front panel Standby/On LED blinks twice (alternates red and green), then stays lit red to indicate that the Gateway is now in remote registration mode.

2. Identify the remote control, which is labeled with a number 1, 2, or 3 on the battery cover plate on the bottom of the remote, as shown below:

3. Press and hold the STB button on the remote control for about 4 to 5 seconds. The "STB" button backlight LED will light.
4. Press the "STB" button once again. Both the "STB and "AUX" button backlight LED will light to indicate that the remote control is in registration mode.



5. Use the number keys to enter the remote control ID (same as what's on the back of the remote:

   Remote Control ID 1: Operates TV1
   2: Operates TV2
   3: Operates TV3

6. If you press a key other than "1", "2" or "3", or if you do not press a button within about 10 seconds, the STB button backlight LED will turn off, and the remote control registration process terminates.

   After you enter a registration event, the "STB" button backlight LED on the remote control and the Gateway front panel LED will blink twice to indicate that the registration process was successful.

7. Repeat the steps above for each remote control.

Programming the TV Code and Other Devices

Perform the following steps to program the TV and AUX device:

1. Locate the device code for your desired device in the device code table provided on the back side. If you could not find the device code for your device or it does not work after trying the listed device codes for your device brand, then you can go to the next section to try the auto-search procedures.
2. Turn on your device and with media inserted (if applicable).
3. On the remote control, press a device key once (i.e., TV or AUX). NOTE: Use the "AUX" mode key to program control of VCR, DVD player, cable box, satellite set-top-box and audio device.
4. Press and hold the "SETUP" key until the selected mode key backlight blinks twice, then release "SETUP". The device mode key will light up.
5. Enter the four-digit device code for your device. If you perform this procedure correctly, the selected device mode key backlight will blink twice. NOTE: If you enter an invalid device code, the selected device mode key will fast blink 7 times. Device program mode will be terminated.
6. Aim the remote control at your device and press the "POWER" once. The device should be turned off. If it does not respond, repeat the above steps.

Autosearch for Other Devices

If your device does not respond to the remote control after trying all devices codes listed for you brand, or if your brand is not listed at all, try searching for your device code as follows:

1. Power on the device and on the remote control, press the desired device key once. Then press and hold SETUP until the device key blinks twice, then release "SETUP".
2. Press the "POWER" key once and aim your new remote at the device.
3. Press either the "CHANNEL UP" key or "CHANNEL DOWN" key to do device autosearch.
   Note: In this search mode, the remote control will send IR codes from the library in 5 second intervals. The device key will be on and blink every 5 seconds while in the device search mode.
4. If the device turns off, a working code has been found. Press "OK" once to lock in the code. The selected mode key will blink twice.
5. If all code sets of that device are exhausted in the search and the "OK" is not pressed, the selected device key will fast blink 7 times and the search mode will be terminated.

Appendix - Device Codes

Your Universal Remote Control (URC) can control many brands and models of television, VCR, DVD and other types of audio-visual equipment. The following pages lists device codes for many categories and brands of equipment. Many brands list more than one code, and you may need to test several codes to find the best match for your equipment. Your equipment may be supported even if your brand is not shown in the list below. If you cannot locate your brand, or none of the listed device codes works, then you may still use the autosearch feature to try to locate a suitable device code. See Auto-scan section in this guide for instructions.

DVD

Aiwa....2026 2131
Apex 2001 2056 2057 2095 2098
Audiovox....2132
Blaupunkt....2136
BOSE....2122 2130
Broksonic....2053 2072
Clarion....2100
Classic....2101
Daewoo..2058 2062 2137 2138
Denon....2040 2110 2133
Emerson....2059 2073
Fisher....2112 2134
GE2041....2079 2118
Go Video....2046 2127 2129
GPX....2114
Harman Kardon....2125
Hitachi....2000 2027 2126
Irradio....2017
JVC....2047 2090 2096 2097 2115
Kenwood....2019 2039
Konka....2029
Lasonic....2081
Magnavox....2002 2018
Marantz....2034
Memorex....2003
Mintek....2004
Mitsubishi....2021 2030 2123
NAD....2059 2139
Nakamichi....2116
Nexxtech....2140
Norcent....2005 2117
Onkyo....2006
Oritron....2009
Panasonic....2066 2075 2076
Philips ...2018 2032 2045 2051 2091 2109
Pioneer....2008
Polaroid....2007
Proscan....2010 2033 2118
Qwestar....2009
RCA....2010 2048 2063 2077 2099 2107 2118
Sampo....2119
Samsung....2012 2049 2074 2085 2102
Sansui....2071
Sanyo....2050 2120
Sharp....2013 2015 2044 2086
Sherwood....2121
Sony....2014 2020 2022 2065 2067 2068 2069 2070 2087 2103 2108 2113
Sylvania....2064 2078 2092
Techwood....2141
Toshiba....2023 2025 2037 20382054 2080 2084 2088 2093 2094
Yamaha....2028
Zenith....2052 2128

DVD/VCR Combo

Broksonic....2072
Daewoo....2062
Emerson....2073
Go Video....2046 2127 2129
Hitachi....2126
JVC....2047 2097
Panasonic....2066
Philips....2051
Polaroid....2007
RCA....2048
Samsung....2049 2074 2085
Sanyo....2050
Sony....2065 2067
Toshiba....2080 2084
Zenith....2052 2128

Home Theater

BOSE....2130
JBL....2043
Koss....2060
Onkyo....2024
Philips....2036
Pioneer....2016
RCA....2042
Sony....2108 2113
Venturer....2011

Network DVD

Go Video....2124

Portable DVD

CyberHome....2083
RCA....2055
Toshiba....2135

TV/DVD Combo

Apex....2095
Broksonic....2053
RCA....2063 2099
Sansui....2071
Sylvania....2092
Toshiba....2054

TV/DVD/VCR Combo

Panasonic....2075 2076
RCA....2077
Sharp....2086
Sylvania....2064 2078
Toshiba....2093 2094

Digital TV

Zenith....0020

HDTV

Apex....0088
Daewoo....0135
Hitachi....0134
Philips....0037
RCA....0143
Sony....0137

HDTV Projection TV

Sony....0037

LCD TV

Benq....0136
ESA....0046
NET-TV....0040
Sharp....0138
Sylvania....0046

Plasma TV

Viewsonic....0149
Gateway....0038

Plasma TV Monitor

Acer....0041
Fujitsu....0029
Pioneer....0035

Projection TV

Hitachi....0132
JVC....0130 0131
Panasonic....0010
Sony....0128
Toshiba....0127

TV

Abex....0098
Admiral....0001 0099
Adventura....0100
Aiko....0015
Aiwa....0034
Akai....0002
Alleron....0044
Amtron....0036
Anam National....0003 0036
AOC....0004 0005
Apex....0074 0111 0119
Audiovox....0036
Bell & Howell....0001 0045
Benq....0042
Bradford....0036
Broksonic....0114 0121
Candle....0004 0007 0100
Celebrity....0002
Citizen....0004 0007 0015 0036 0073 0097
Colortyme....0004
Concerto....0004
Contec/Cony..0011 0012 0036
Craig....0036
Crown....0036 0053
Curtis Mathes....0000 0004 0014 0045 0073 0097
CXC....0036
Daewoo....0004 0005 0013 0015 0016 0097 0106
Daytron....0004 0097
Dell....0141 0142 0146
Dimensia....0000
Electroband....0002
Electrohome..0002 0003 0004 0018 0021
Emerson....0004 0011 0013 0025 0031 0033 0036 0044 0045 0080 0097 0102 0107
Envision....0004
Fisher....0043 0045 0047 0103
Fujitsu....0044
Funai....0036 0044
Futuretech....0036
GE....0000 0003 0004 0008 00210048 0049 0063 0068 0070 0144
Goldstar....0004 0005 0011 0018 0050 0090 0091 0097 0098
Grunpy....0036 0044
Hallmark....0004
Harvard....0036
Hisense....0112
Hitachi...0004 0011 0012 0030 0051 0084 0085 0086 0102 0133
IMA....0036
Infinity....0053
Janeil....0100
JBL....0053
JC Penney....0000 0004 0005 0007 0012 0021 0048 0049 0058 0063 0068 0072 0073 0075 0097 0098
JCB....0002
Jensen....0004
JVC....0011 0012 0026 0049 0054 0055 0080 0117
Kawasho....0002 0004
Kenwood....0004 0018
Kloss Novabeam....0036 0056 0057 0100
KTV....0036 0097
LG....0005
Loewe....0053
Logik....0001
Luxman....0004
LXI....0000 0004 0045 0053 0058 0068 0075
Magnavox....0004 0007 0018 0053 0056 0057 0059 0060 0110 0147
Majestic....0001
Marantz....0004 0051 0053
Megatron....0004 0051
Memorex....0001 0004 0005 0022 0045
MGA....0004 0005 0018 0021 0047 0061
Midland..0049 0068 0097 0098
Minutz....0048
Mitsubishi....0004 0005 0018 0021 0032 0047 0061
Montgomery Ward....0001
Motorola....0003 0099
MTC....0004 0005 0073
Multitech....0036
NAD 0004....0058 0075 0085
NEC....0003 0004 0005
Nikko....0004 0015
NTC....0015
Onwa....0036
Optimus....0085
Optonica....0064 0099
Orion....0023 0033 0107
Panasonic....0003 0049 0053 0096 0123 0140 0152
Philco....0003 0004 0005 0007 0011 0018 0053 0056 0057 0059
Philips...0003 0007 0011 0017 0018 0053 0056 0057 0059 0063 0095 0126 0129 0148
Philips Magnavox....0148
Pilot....0097
Pioneer....0004 0085 0102
Portland..0004 0005 0015 0097
Price Club....0073
Prima....0113
Prism....0049
Proscan....0000 0008 0068
Proton....0004 0011
Quasar....0003 0039 0049 0062 0069
Radio Shack....0000 0045
Radio Shack/Realistic....0004 0011 0036 0045 0064 0097 0098
RCA....0000 0003 0004 0005 0008 0018 0028 0052 0065 0067 0068 0071 0076 0082 0102 0104 0106 0108 0115 0151
Realistic....0000 0045
Sampo...0004 0097 0098 0120
Samsung....0004 0005 0011 0014 0018 0019 0072 0073 0078 0094 0097 0098
Sansui....0023 0107 0122
Sanyo....0045 0103
Scotch....0004
Scott....0004 0011 0033 0036 0044
Sears....0000 0004 0012 0018 0044 0045 0047 0055 0058 0068 0075 0103 0105
Sharp....0004 0009 0011 0025 0064 0077 0092 0097 0099 0153
Signature....0001
Simpson....0007
Sony....0002 0109
Soundesign....0004 0007 0036 0044
Squareview....0105
SSS....0036
Starlite....0036
Supre-Macy....0100
Supreme....0002
Sylvania....0004 0007 0018 0027 0053 0056 0057 0059 0060 0124 0145 0150
Symphonic....0024 0031 0036 0105
Tandy....0099
Tatung....0003
Technics....0049
Techwood....0004 0049
Teknika....0001 0004 0005 0007 0011 0012 0015 0036 0044 0060 0073 0096 0097
TMK....0004
Toshiba....0006 0045 0058 0073 0075 0079 0083 0087 0093 0101 0116
Totevision....0097
Universal....0048 0063
Victor....0055
Vidtech....0004 0005
Viking....0100
Wards....0000 0001 0004 0005 0018 0031 0044 0048 0053 0056 0057 0059 0060 0063 0064
White Westinghouse....0013
Yamaha....0004 0005 0018
Zenith....0001 0081 0089 0118 0125

TV/DVD Combo

Apex....0074
Broksonic....0114
RCA....0076 0115
Sansui....0122
Sylvania....0150
Toshiba....0116

TV/DVD/VCR Combo

Panasonic....0123 0152
RCA....0151
Sharp....0153
Sylvania....0027 0124
Toshiba....0087 0101

TV/VCR Combo

Broksonic....0121
GE....0070
Quasar....0062 0069
RCA....0028 0052
Samsung....0078
Sylvania....0145
Toshiba....0006
Zenith....0118
Denon....1104
JVC....1099
Onkyo....1100
Pioneer....1101
RCA....1102 1106
Sony....1105
Yamaha....1103
Sony....1001
Broksonic....1078
Daewoo....1085
Emerson....1076
Go Video....1043 1045 1092
Hitachi....1038
JVC....1030 1093
Panasonic....1082
Philips....1091
Polaroid....1041
RCA....1094
Samsung....1054 1075 1095
Sanyo....1096
Sony....1051 1074
Toshiba....1052 1053
Zenith....1029 1089
Panasonic....1004
Philips....1002
RCA....1000
RePlay....1003
Tivo....1000
Tivo....1087
Panasonic....1072 1073
RCA....1046
Sharp....1055
Sylvania....1050 1071
Toshiba....1056 1059
Broksonic....1098
GE....1069
Quasar....1067 1068
RCA....1065 1066
Samsung....1070
Sylvania....1064
Toshiba....1063
Zenith....1060
Admiral....1027
Adventura....1047
Aiko....1048
Aiwa....1047
Akai....1081 1084
American High....1042
Asha....1035
Audio Dynamics....1031 1032
Audiovox....1036
Beaumark....1034 1035
Bell & Howell....1033
Broksonic....1034 1078 1098
Calix....1036
Candle....1035 1036 1037 1039 1040
Canon....1042
Carver....1062
CCE....1048 1061
Citizen....1035 1036 1037 1039 1040 1048
Colortyme....1031
Colt....1061
Craig....1035 1036 1044 1061
Curtis Mathes....1026 1031 1035 1040 1042
Cybernex....1035
Daewoo....1037 1039 1047 1048 1085
DBX....1031 1032
Dimensia....1026
Dynatech....1047
Electrohome....1036 1049
Electrophonic....1036
Emerson....1034 1036 1037 1042 1047 1049 1076 1097
Fisher....1033 1044
Fuji....1042 1084
Funai....1028 1047
Garrard....1047
GE....1026 1035 1042 1069
Go Video..1043 1045 1088 1092
Goldstar....1031 1036 1040
Gradiente....1047
Harley Davidson....1047
Harman Kardon....1031
Harwood....1061
Headquarter....1033
Hi-Q....1044
Hitachi....1038 1058 1081
Instant Replay....1042
JC Penney....1031 1032 1033 1034 1035 1036 1042 1058 1061 1062
JCL....1042
Jensen....1058 1081
JVC....1030 1031 1032 1033 1040 1081 1093
Kenwood....1031 1032 1033 1040 1081
KLH....1061
Kodak....1036 1042
LG....1036
Lloyd's....1047
Logik....1061
LXI....1036
Magnavox....1042 1062 1077
Magnin....1036
Marantz....1031 1032 1033 1040 1042 1062
Marta....1036
Matsushita....1042
MEI....1042
Memorex....1027 1033 1035 1036 1042 1044 1047 1077
MGA....1049
MGN Technology....1035
Midland....1057
Minolta....1058
Mitsubishi....1049 1058
Montgomery Ward....1027
Motorola....1027 1042
MTC....1035
Multitech..1035 1047 1057 1061
NEC 1031 1032 1033 1040 1081
Nikko....1036
Noblex....1035
Olympus....1042
Optimus....1027 1036
Panasonic....1042 1072 1073 1079 1080 1082 1083
Pentax....1058
Pentex Research....1040
Philco....1042 1062
Philips....1042 1062 1091
Pilot....1036
Pioneer....1032 1058
Polaroid....1041
Portland....1039
Proscan....1026
Protec....1061
Pulsar....1077
Quarter....1033
Quartz....1033
Quasar 1042....1067 1068
Radio Shack....1027 1036
Radio Shack/Realistic....1033 1035 1036 1042 1044 1047 1049
Radix....1036
Randex....1036
RCA....1026 1035 1042 1046 1058 1065 1066 1086 1094
Realistic..1027 1033 10351036 1037 1042 1044 1047 1049
Ricoh....1090
Runco....1077
Samsung....1035 1037 1054 1057 1070 1075 1095
Sanky....1027 1077
Sansui....1032 1081
Sanyo....1033 1035 1044 1096
Scott....1034 1037
Sears....1033 1036 1042 1044 1058
Sharp....1027 1039 1049 1055
Shintom....1061 1084
Shogun....1035
Signature....1027
Singer....1042 1061 1090
Sony....1051 1074 1084
STS....1042
Sylvania....1042 1047 1050 1062 1064 1071
Symphonic....1028 1047
Tandy....1033
Tashiko....1036
Tatung....1081
Teac....1047 1081
Technics....1042 1079
Teknika....1036 1042 1047
TMK....1035
Toshiba...1037 1052 1053 1056 1058 1059 1063
Totevision....1035 1036
Unitech....1035
Vector Research....1031 1032 1037
Victor....1032
Video Concepts....1031 1032 1037
Videosonic....1035
Wards....1027 1035 1036 1037 1042 1044 1047 1049 1058 1061
White Westinghouse....1028
XR-1000....1042 1047 1061
Yamaha....1031 1032 1033 1040 1081
Zenith....1029 1060 1077 1084 1089 1090

Satellite Receiver/DVR Combo

ABC....4000 4001 4002 4004 4046
Adelphia....4049
Antronix....4006 4007
Archer....4007 4008
Cable Vision....4050
Cabletenna....4006
Cableview....4005
Colour Voice....4010 4011
Comcast....4051 4052
Comtronics....4012
Contec....4014
COX....4053
Eastern....4015
GC Electronics....4007
GE....4000 4001
Gemini....4016 4017
General Instrument....4051
General Instruments 4001 4048
Hamlin...4018 4019 4020 4026 4033 4039 4047
Hitachi....4001
Jerrold....4001 4016 4021 4022 4046 4048
Magnavox....4023
Memorex....4024
Motorola....4052 4053 4054
Movie Time....4025
NEC....4003
NSC....4025
Oak....4014 4027
Panasonic....4042 4045
Philips...4009 4010 4011 4013 4017 4023 4028 4029 4030
Pioneer....4031 4032
Proscan....4000 4001
RCA....4005 4041 4043 4045 4048
Realistic....4007
Regal....4020 4033 4047
Regency....4015
Rembrandt....4001
Samsung....4032
Scientific Atlanta....4004 4034 4035 4036 4049
Signal....4016
Signature....4001
Sony....4050
Sprucer....4045
Standard Component....4037 4038
Starcom....4016 4046
Stargate....4016
Starquest....4016
TIME WARNER....4055
Tocom....4002 4021
Tusa....4016
TV86....4025
Unika....4006 4007
United Cable....4046
Universal....4006 4007 4008
View Star....4014 4023 4025
Zenith....4044
Panasonic....3054
Mitsubishi....3043
Philips....3039
Pioneer....3053
Sony....3042
DISH Network....3061
Hughes....3058
Philips....3058 3063
RCA....3058 3059
Samsung....3058
Sony....3060 3062
Zenith....3064

Satellite

Alphastar....3023
Chaparral....3002 3003
DIRECTV....3069
DISH Network....3000 3066 3067 3068
Dishnet....3022
Drake....3004 3005
Echostar....3030
GE3001....3016 3033 3034 3056 3065
General Instruments....3006 3007 3008
Hitachi....3026 3027
Hughes....3036 3069
Hughes Network....3069
Hughes Network Systems....3031 3069
JVC....3025
Mitsubishi....3045
Panasonic....3019 3049 3052
Philips....3028 3057
Primestar....3020
Proscan....3001 3016 3033 3034 3065
RCA....3001 3016 3024 3033 3034 3040 3055 3065 3070
Realistic....3009
Samsung....3044 3046
Sony....3017 3035 3037 3038 3071
STS....3032
STS1....3010
STS3....3012
STS4....3013
Toshiba....3014 3018 3050
Uniden....3015 3029
Zenith....3051

Satellite Receiver/ Recorder

Philips....3048
RCA....3041
Sony....3047

Amplifier

Aiwa....5037 5054
Carver....5036
Citizen....5060
Denon....5048
Fisher....5036
GE....5062
Goldstar....5050 5055
Harmon/Kardon....5047
Hitachi....5068
JVC....5052 5058
Kenwood....5049 5056
Magnavox....5069
Marantz....5034
Nakamichi....5046
NEC....5067
Onkyo....5039 5040 5051
Optimus....5042
Panasonic....5035
Pioneer..5043 5044 5057 5070
Proton....5069
Quasar....5035
RCA....5059
Sharp....5063 5064 5065 5066
Sherwood....5045
Sony....5054
Teac....5053
Technic....5035
Technics....5035
Toshiba....5061
Victor....5058
Yamaha....5041

DVR

RePlay....5062

Home Theater in a Box

BOSE....5071
JBL....5072
Koss....5074
Onkyo....5075
Philips....5077
Pioneer....5078
RCA....5079
Sony....5081
Venturer....5082

Receiver/Tuner

Aiwa....5000 5001 5002 5004 5005 5006
BOSE....5007 5071
Carver....5000
Denon....5008
Harman Kardon....5000 5009
JBL....5009
JVC....5010
Kenwood....5011 5012
Linn....5000
Maganvox....5000
Marantz....5000
Onkyo....5018
Philips....5000
Pioneer....5021 5022
RCA....5024 5025 5026
Sansui....5000
Sherwood....5027
Sony....5017 5028 5029 5030 5031 5032 5033 5080 5081
Technics....5016
Wards....5000 5021
Yamaha..5003 5014 5015 5021

Tuner/CD Combo

BOSE....5007